MONTHLY PROGRESS REPORT #212 FOR NOVEMBER 2014

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 and 1-2000-0014

JOINT BASE CAPE COD (JBCC) TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from 1 November to 30 November 2014.

1. SUMMARY OF REMEDIATION ACTIONS

The following is a description of Remediation Actions (RA) underway at Camp Edwards as of November 2014. Remediation Actions may include Rapid Response Actions (RRA). An RRA is an interim action that may be conducted prior to risk assessments or remedial investigations to address a known, ongoing threat of contamination to groundwater and/or soil.

Demolition Area 1 Comprehensive Groundwater RA

The Demolition Area 1 Comprehensive Groundwater RA consists of the removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. Extraction, treatment, and recharge (ETR) systems at Frank Perkins Road, Pew Road, and the Base Boundary include extraction wells, ex-situ treatment processes to remove explosives compounds and perchlorate from the groundwater, and injection wells to return treated water to the aquifer.

The Frank Perkins Road Treatment Facility has been optimized as part of the Environmental and System Performance Monitoring (ESPM) program at Demolition Area 1. The treatment facility was operating at a flow rate of 250 gpm with over 2.146 billion gallons of water treated and re-injected as of 28 November 2014. No shut downs of the Frank Perkins Road facility occurred in November:

The Pew Road Mobile Treatment Unit (MTU) continues to operate at a flow rate of 105 gpm with over 389 million gallons of water treated and re-injected as of 28 November 2014. The following Pew Road MTU shut down occurred in November:

• Shut down on 2 November 2014 at 0422 due to a power interruption and was restarted on 3 November 2014 at 0742.

The Base Boundary RA continues to operate at a flow rate of 65 gpm with over 95.7 million gallons of water treated and re-injected as of 28 November 2014. No Base Boundary MTU shut downs occurred in November.

J-1 Range Groundwater RA

Southern Plant

The J-1 Range Southern Groundwater RA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds. The ETR system includes two extraction wells, ex-situ treatment process to remove explosives compounds from the groundwater, and an infiltration trench to return treated water to the aquifer.

The Southern MTU continues to operate at a flow rate of 125 gpm. As of 28 November 2014, over 239 million gallons of water have been treated and re-injected. The following J-1 Range Southern system shut downs occurred in November:

- Shut down on 2 November 2014 at 0200 due to a power interruption. Extraction well EW-1 was restarted on 4 November 2014 at 1043 and EW-2 was restarted on 3 November 2014 at 1511. A damaged contractor was replaced in the variable frequency device (VFD) cabinet; and
- Shut down on 20 November 2014 at 1407 due to a power interruption. Extraction well EW-1 was restarted on 21 November 2014 at 1522 and EW-2 was restarted on 21 November 2014 at 1420.

Northern Plant

The J-1 Range Northern Groundwater RA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The ETR system includes two extraction wells, ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater, and an infiltration trench to return treated water to the aquifer.

The Northern MTU continues to operate at a total system flow rate of 250 gpm. As of 28 November 2014, over 113 million gallons of water have been treated and re-injected. No J-1 Range Northern MTU shut downs occurred in November.

J-3 Range Groundwater RRA

The J-3 Range Groundwater RRA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The ETR system includes three extraction wells, ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater and use of the existing Fuel Spill-12 (FS-12) infiltration gallery to return treated water to the aquifer.

The J-3 system is currently operating at a flow rate of 95 gpm (with Extraction well EW-IP1 off line since 22 November 2014). As of 28 November 2014, over 769 million gallons of water have been treated and re-injected. The following J-3 system shut downs occurred in November:

- Shut down on 2 November 2014 at 0225 due to a power interruption and was restarted on 3 November 2014 at 0923;
- EW-0032 was shut down on 4 November 2014 at 0142 due to a power interruption and was restarted on 4 November at 1252;
- EW-0032 was shut down on 8 November 2014 at 2024 due to a power interruption and was restarted on 10 November at 1030;
- EW-0032 was shut down on 10 November 2014 at 1100 due to a power interruption and was restarted on 10 November at 1231;
- EW-0032 was shut down on 13 November 2014 at 1455 due to a power interruption and was restarted on 14 November at 0937;
- EW-IP1 was shut down on 16 November 2014 at 0153 due to a system alarm and was restarted on 17 November at 0944;
- EW-0032 was shut down on 16 November 2014 at 2250 due to a system alarm and was restarted on 17 November at 0944;
- The system was shut down on 19 November 2014 at 1405 due to prepare for a granular activated carbon (GAC) change-out and was restarted on 21 November at 0927;

- EW-IP1 was shut down on 22 November 2014 at 1712 due to a system alarm; EW-IP1 remains off and needs to be re-programmed.
- EW-0032 was shut down on 22 November 2014 at 1712 due to a system alarm and was restarted on 24 November at 0917;
- EW-0032 was shut down on 24 November 2014 at 1924 due to a system alarm and was restarted on 25 November at 1102; and
- EW-0032 was shut down on 28 November 2014 at 2051 due to a system alarm and was restarted on 01 December 2014 at 0807.

J-2 Range Groundwater RA

Northern Plant

The J-2 Range Northern Treatment facility consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The Extraction, Treatment, and Infiltration (ETI) system includes three extraction wells, ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater, and an infiltration basin to return treated water to the aquifer.

The Northern Treatment Building continues to operate at a flow rate of 225 gpm. As of 28 November 2014, over 554 million gallons of water have been treated and re-injected. The following Northern Treatment Building shut down occurred in November:

• Shut down on 01 November 2014 at 2309 due to a power interruption and was restarted on 03 November 2014 at 0838.

The Northern MTUs E and F continue to operate at a flow rate of 250 gpm. As of 28 November 2014, over 946 million gallons of water have been treated and re-injected. The following J-2 Range Northern MTU shut downs occurred in November:

- MTU E was shut down on 01 November 2014 at 2317 due to a power interruption and was restarted on 03 November 2014 at 0814;
- MTU F was shut down on 01 November 2014 at 2305 due to a power interruption and was restarted on 03 November 2014 at 0815; and
- MTU E was shut down on 27 November 2014 at 0002 due to a system alarm and was restarted on 01 December 2014 at 0806.

Eastern Plant

The J-2 Range Eastern Treatment facility consists of removal and treatment of groundwater to minimize downgradient migration of explosives compounds and perchlorate. The ETI system includes the following components: three extraction wells in an axial array, an ex-situ treatment process consisting of an ion exchange (IX) resin and granular activated carbon (GAC) media to treat perchlorate and explosives compounds and three infiltration trenches located along the lateral boundaries of the plume where treated water will enter the vadose zone and infiltrate into the aquifer. The J-2 Range Eastern system is running at a combined total flow rate of 495 gpm.

The MTUs H and I continue to operate at a flow rate of 250 gpm. As of 28 November 2014, over 635 million gallons of water have been treated and re-injected. The following shut down of MTUs H and I occurred in November:

- MTUs H and I were shut down on 02 November 2014 at 0432 due to a power interruption and were restarted on 03 November 2014 at 0846;
- MTUs H and I were shut down on 10 November 2014 at 1332 due to system alarms and were restarted on 10 November 2014 at 1409; and
- MTUs H and I were shut down on 20 November 2014 at 1407 due to a power interruption and were restarted on 21 November 2014 at 1402.

MTU J continues to operate at a flow rate of 120 gpm. As of 28 November 2014, over 299 million gallons of water have been treated and re-injected. The following shut downs of MTU J occurred in November:

- MTU J was shut down on 02 November 2014 at 0212 due to a power interruption and was restarted on 04 November 2014 at 0957 (two contractors were replaced in the VFD cabinet); and
- MTU J was shut down on 20 November 2014 at 1407 due to a power interruption and were restarted on 22 November 2014 at 1100.

MTU K continues to operate at a flow rate of 125 gpm. As of 28 November 2014, over 362 million gallons of water have been treated and re-injected. The following shut down of MTU K occurred in November:

• MTU K was shut down on 20 November 2014 at 1416 due to a power interruption and was restarted on 21 November 2014 at 1416.

Central Impact Area RA

The Central Impact Area (CIA) Groundwater treatment facility consists of removal and treatment of groundwater to minimize downgradient migration of explosives compounds and perchlorate. The ETR system includes the following components: two extraction wells, an ex-situ treatment process consisting of an ion exchange (IX) resin and granular activated carbon (GAC) media to treat explosives compounds and two infiltration galleries to return treated water to the aquifer. The CIA systems 1 and 2 continue to run at a combined total flow rate of 500 gpm. As of 28 November 2014, over 222 million gallons of water have been treated and re-injected. No CIA treatment facility shutdowns occurred in November.

SUMMARY OF ACTIONS TAKEN

Samples collected during the reporting period are summarized in Table 1.

Process water samples were collected at Frank Perkins Road, Pew Road, Base Boundary, J-1 Range Southern, J-1 Range Northern, J-2 Range Northern, J-2 Range Eastern, J-3 Range, and Central Impact Area (CIA).

Environmental and system performance monitoring groundwater samples were collected from the CIA, J-1 Range Northern, J-2 Range Northern, J-3 Range, and Demolition Area 2.

Continued intrusive investigation of Metal Mapper anomalies in 16-acre area at the CIA.

Completed EM-61 survey of the CIA Phase II 10-acre area.

JBCC IAGWSP Tech Update Meeting Minutes 13 November 2014

Project and Fieldwork Update

An update was provided on Central Impact Area fieldwork. A figure was provided that highlighted the status of each of the work areas. The 2014 annual report should be available in mid-December. In phase II work, an EM-61 survey is being performed in the first 10 acres. Work should be completed by Thanksgiving. The 100% EPA QA/QC grid was completed and data is still being reviewed.

Drilling Update

There is no new drilling to report. Sampling crews are working in J-1 North.

Demo 1

An update was provided on the appraisal of property in Pocasset. Mr. Mendes indicated that he would contact USACE Real Estate office on November 10th with a response to the Government's offer to purchase an easement but he did not. USACE continues to reach out to the family. Funds are available to pay for the easement. Once the family signs the offer, the schedule for the system construction and start up can begin. IAGWSP will continue to provide updates on progress at tech meetings.

Small Arms Ranges

IAGWSP is preparing a project note that proposes next steps based on the last round of sampling results and the field visit.

Action Items

The action items were discussed and updated.

CIA Design Presentation

A presentation was provided on the Central Impact Area extraction well location analysis. The presentation provided the results of the analysis performed to evaluate the supplemental extraction well locations. It was explained that the RDX plume was revised based on the additional monitoring well data that has been received over the past year. While the RDX concentrations are similar to 2012 model predictions, the orientation of the leading edge is more northwesterly than originally predicted.

A water level synoptic round was conducted in September 2014 which showed that contours updgradient of Burgoyne Road were consistent with 2012 model depiction but contours at the leading edge were more northwesterly. A figure showing 2012 plume depiction vs. 2014 was reviewed.

The analytical models used for the simulations were discussed. It was noted that for the 3D numerical model, it was difficult to calibrate to the new groundwater elevation data. The screening (2D) flow model (AQUIFERWIN 32) was more easily calibrated than the numerical model and it has been used on other JBCC sites (Demo 1/J-1N). The model assumed an average hydraulic Conductivity of - 105 ft/day and an aquifer thickness of 200+ feet. There was a fixed constant head at the base boundary and a TOM was developed. The September synoptic results were used to calibrate the model.

Four new extraction well simulations were analyzed with the analytical model:

- Near MW- 223 (Transect A-A')
- Avery Road (Dec 2013 Project Note)
- Near MW-626 (Former CIA-14)
- Leading Edge (Near MW-616)

Figures showing the capture zones for each scenario under the numerical and analytical simulation were displayed and reviewed.

It was noted that both models were reasonable tools to evaluate extraction well locations but that the analytical model was more easily altered to emulate observed conditions. The Avery Road analytical model simulation shows that it captures most of the RDX plume (above 2 ppb) and there is possible off-post migration of 2 ppb plume for 1-2 years. For the location near MW-626, the entire RDX plume above 2 ppb is captured but construction is more difficult than at Avery Road.

IAGWSP will submit a revised design project note in mid-December.

JBCC Cleanup Team Meeting

The JBCC Cleanup Team (JBCCCT), formerly the MMR Cleanup Team (MMRCT), is next scheduled to meet on January 14, 2015. The Cleanup Team meeting discusses late breaking news and responses to action items, as well as updates from the IAGWSP and IRP. The JBCCCT meetings provide a forum for community input regarding issues related to both the IRP and the IAGWSP.

SUMMARY OF DATA RECEIVED

Table 2 summarizes the validated detections of explosives compounds and perchlorate for all groundwater results received from 1 November through 30 November 2014. These results are compared to the Maximum Contaminant Levels/Health Advisory (MCL/HA) values for respective analytes. Explosives and perchlorate are the primary contaminants of concern (COC) at Camp Edwards.

There are currently twelve operable units (OU) under investigation and cleanup at Camp Edwards. The OUs include: Central Impact Area, Demolition Area 1, Demolition Area 2, Former A Range, J-1 Range, J-2 Range, J-3 Range, L Range, Northwest Corner, Small Arms Ranges, Training Areas and Western Boundary. Environmental monitoring reports for each OU are generated each year to evaluate the current year groundwater results. These reports are available on the site Environmental Data Management System (EDMS) and at the project document repositories (IAGWSP office, Jonathan Bourne Library, Falmouth Public Library, and Sandwich Public Library).

2. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

•	Monthly Progress Report No. 211 for October 2014	11/10/2014
•	Final Central Impact Area System Startup Monitoring Report	11/06/2014
•	Draft J-1 Range Northern and J-1 Range Southern Environmental	11/10/2014
	Monitoring Work Plan	
•	Draft J-3 Range Decision Document	11/13/2014
•	Final J-1 Range Northern System Startup Monitoring Report	11/13/2014
•	Draft J-3 Range 2014 Interim Environmental Monitoring Report	11/18/2014

3. SCHEDULED ACTIONS

The following documents are being prepared or revised during December 2014:

- CIA Project Note for ESTCP Metal Mapper Results;
- CIA 2013 Source Report;
- CIA 2014 Source Report;
- CIA Design Package Project Note;
- J-2 Range Project Note for Additional Wells to Evaluate Source Response;
- J-3 Range Draft Decision Document;
- J-3 Range Draft Post-Decision Document Field Work Project Notes;
- Small Arms Ranges Decision Document;
- Training Areas Draft Investigation Report;
- Former A Range 2014 Annual Environmental Monitoring Report;
- Demolition Area 2 2014 Annual Environmental Monitoring Report;
- J-2 Range Eastern and J-2 Range Northern Environmental Monitoring Work Plan;
- Northwest Corner 2014 Annual Environmental Monitoring Report;
- Central Impact Area 2014 Interim Environmental Monitoring Report;
- 2013 BIP Report;
- J-1 Range Northern and J-1 Range Southern Environmental Monitoring Work Plan;
- J-3 Range 2014 Environmental Monitoring Report; and
- J-2 Range Eastern and J-2 Range Northern Environmental Monitoring Work Plan.

TABLE 1 Sampling Progress: 01 November 2014 to 30 November 2014

Second State Northolo Northolo Northolo Northolo Northolo Northolo Demolston Ama2 NFF 1005 MF 1015 F.M Northolo Northolo <t< th=""><th>Area Of Concern</th><th>Location</th><th>Field Sample ID</th><th>Sample Type</th><th>Date Sampled</th><th>Matrix</th><th>Top of Screen</th><th>Bottom of Screen (ft bas)</th></t<>	Area Of Concern	Location	Field Sample ID	Sample Type	Date Sampled	Matrix	Top of Screen	Bottom of Screen (ft bas)
Antinomio Margin Marrinols Marrinols Marrinols Marrinols Marrinols Marginols Damalion Aragin Marrinols Marrinols Marrinols Marginols	Demolition Area 2			N	11/25/2014	Cround Water	145 5	166 F
Multinolity	Demolition Area 2	NW 1005	MW 1605 E14	IN NI	11/25/2014	Ground Water	143.5	135.5
Demonstration Demonstration PA F1226211 Control Analy PA PA Demonstration MM - 22441 MM - 22441 MM - 11246211 Control Mater PA PA Demonstration MM - 404400 MM - 404400 MM - 40441 N F1266211 Control Mater PA PA Demonstration MM - 62441 MM - 404400 MM - 47444 N F1266211 Control Mater PA F1266211 Control Mater F126 F1	Demolition Area 2	NIV-1605	WW-1003_F14	IN N	11/25/2014	Ground Water	137.5	147.5
Openation Anal 2 Mov 44460 MV 44460 MV 44461 NV 1202014 Openation Anal 2 MV 44041 F14 N 11202014 Ground Mater D10 D10 Bernalition Anal 2 MV 450441 MV 457441 N 11202014 Ground Mater D16 D16 Bernalition Anal 2 MV 57342 MV 57342 MV 57342 NV 11202014 Ground Mater D16 D16 Central ImparA Anal MV 55344 MV 55342 N 1192014 Ground Mater D21 2 D21 D2	Demolition Area 2	MVV-311M1	NW 570M 54	N	11/25/2014	Ground water	222	232
QMONDENTAGING QMONDENTAGING QUID QUI	Demolition Area 2	MVV-572M1	NW 404M0 514	N	11/25/2014	Ground water	164.9	174.9
Jamash Anna J MW 473401 MW 474401 J'N 1240114 Granuel Watter J'S.A. 1 J'S.A. 1 Demulsion Anna J MW 57300. MW 57300. MW 57300. FI 1240014 Granuel Watter ISA.4. ISA.4. Demulsion Anna J MW 57300. MW 59300. MW 59300. MW 59300. MU 1192014. Granuel Watter Z 12 Z 12 Li Range Korthen MW -6600. MW 6900. F14 N 11192014. Granuel Watter Z 16. Z 6. Z 6. <td< td=""><td>Demolition Area 2</td><td>MVV-404M2</td><td>MW-404M2_F14</td><td>N</td><td>11/24/2014</td><td>Ground Water</td><td>200</td><td>210</td></td<>	Demolition Area 2	MVV-404M2	MW-404M2_F14	N	11/24/2014	Ground Water	200	210
Demolition Area 2 MM + 573402 MM + 57440 N 11242011 Ground Water 155.4 165.4 Demolition Area 2 MM + 57340 MM + 57340 MM + 57340 NM + 57340 MM + 57340 NM + 57340	Demolition Area 2	MW-404M1	MW-404M1_F14	N	11/24/2014	Ground Water	219.5	229.5
Demolition Ama 2 IMM GYAME IMM SYAME_FLA P1 P1 1/24/2014 Ground Water P16.4 (16.4 Demolition Ama 2 IMM SYAME_MAL IMM SYAME_FLA N 11/122/2014 Ground Water P17.4 207 Cartual Impack Ama IMM SSAME IMM SSAME N 11/122/2014 Ground Water 20.2 21.4 Cartual Impack Ama IMM SSAME IMM SSAME N 11/122/2014 Ground Water 20.2 21.4 Li Bangs Northem IMM SSAME IMM SSAME IMM SSAME N 11/122/1014 Ground Water 126.0 126.0 126.1 Li Bangs Northem IMM SSAME IMM SSAME IMM SSAME N 11/122/14 Ground Water 126.1 26.1 Li Bangs Northem IMM SSAME IMM	Demolition Area 2	MW-573M2	MW-573M2_F14	N	11/24/2014	Ground Water	155.4	165.4
Demolion Ames 2 MM 673M1 MM 473ML F14 N 111/202014 Ground Water 172.4 (8.4.4) Contral Impact Ames MM 633M1 MM 433ML R2 N 11/13/2014 Ground Water 282 221 Contral Impact Ames MM 433ML MM 433ML R2 N 11/13/2014 Ground Water 281.2 21.4 Contral Impact Ames MM 439ML MM 439ML R2 N 11/13/2014 Ground Water 281.2 23.5 I Range Northerm MM 419ML MM 419ML R2 N 11/13/2014 Ground Water 13.6 16.0 I Range Northerm MM 419ML MM 419ML R2 N 11/13/2014 Ground Water 28.1 28.5 16.3 I Range Northerm MM 403ML MM 403ML MM 403ML NM 403ML MM 403ML NM 403ML 28.1 </td <td>Demolition Area 2</td> <td>MW-573M2</td> <td>MW-573M2_F14D</td> <td>FD</td> <td>11/24/2014</td> <td>Ground Water</td> <td>155.4</td> <td>165.4</td>	Demolition Area 2	MW-573M2	MW-573M2_F14D	FD	11/24/2014	Ground Water	155.4	165.4
Centur Imprack Area MY453M2 MY453M2, R2 N 11/18/2014 Ground Water 197 207 Centur Imprack Area MY453M4 MY453M4, R2 N 11/18/2014 Ground Water 20.2 241 Centur Imprack Area MY453M4 MY453M4, R2 N 11/18/2014 Ground Water 102.3 15 JI Range Northern MY454M1 MY416M2, F14 N 11/18/2014 Ground Water 138.7 145.7 JI Range Northern MY456M2 MY456M2, F14 N 11/18/2014 Ground Water 138.7 145.7 JI Range Northern MY303M2 MY303M2, F14 N 11/18/2014 Ground Water 28.1 26.5 JI Range Northern MY303M2 MX303M2, F14 N 11/17/2014 Ground Water 10.9 0 JI Range Northern MY303M2, F14 N 11/17/2014 Ground Water 10.8 26.5 JI Range Northern MY303M2, F14 N 11/17/2014 Ground Water 12.6 26.5 Cor	Demolition Area 2	MW-573M1	MW-573M1_F14	N	11/24/2014	Ground Water	176.4	186.4
Central ingeal Area WK-SSM1 WK-SSM2.R2 N II 1/19/2014 Ground Water 282 282 Contral ingeal Area WK-SSM1 WK-SSM2.R2 N II 1/19/2014 Ground Water 28.2 21.4 Ji Range Nochem WM-168M2.P14 N II 1/19/2014 Ground Water 150 150 Ji Range Nochem MM-168M2.P14 N II 1/18/2014 Ground Water 150 143.7 Ji Range Nochem MM-168M2.P144 N II 1/18/2014 Ground Water 251.7 243.7 Ji Range Nochem MM-303M2.P14 N II 1/18/2014 Ground Water 251.7 245.1 Ji Range Nochem MM-303M2.P14 N II 1/18/2014 Ground Water 281.0 30.1 Ji Range Nochem MM-303M2.P14 N II 1/18/2014 Ground Water 281.0 30.1 Ji Range Nochem MM-303M2.P14 N II 1/17/2014 Ground Water 216.2 32.1 Ji Range Nochem MM-403M1 MM-203M2.P14 N II 1/17/2014	Central Impact Area	MW-633M2	MW-633M2_R2	N	11/19/2014	Ground Water	197	207
Cantal Impact Avia MM-638M2 MM MM-638M3 MM MM-63M3 MM MM-64M3 MM-64M3 MM-64M3 MM	Central Impact Area	MW-633M1	MW-633M1_R2	N	11/19/2014	Ground Water	282	292
Control Impact AreaWri-538MT_FL2N11/19/2014Ground Water201.227.2JI Rango NorthemMri-648MZMri-468MZ_FL4N11/18/2014Ground Water160JI Rango NorthemMri-168MIMri-168MIN11/18/2014Ground Water18.012.1JI Rango NorthemMri-168MIMri-168MIN11/18/2014Ground Water23.624.5JI Rango NorthemMri-303MZ_FL40N11/18/2014Ground Water23.624.524.5JI Rango NorthemMri-303MI_FL4N11/18/2014Ground Water29.130.130.1JI Rango NorthemMri-303MI_FL4N11/18/2014Ground Water29.130.130.1JI Rango NorthemMri-303MI_FL4N11/17/2014Ground Water16.925.025.0JI Rango NorthemMri-303MI_FL4N11/17/2014Ground Water16.925.025.0Cartal Impact AreaMri-620MI_R2N11/17/2014Ground Water16.925.025.0Cartal Impact AreaMri-620MI_FL4N11/13/2014Ground Water21.025.025.0Cartal Impact AreaMri-620MI_FL4N11/13/2014Ground Water21.025.025.0JI Rango NorthemMri-620MI_FL4N11/13/2014Ground Water21.025.025.0JI Rango NorthemMri-620MI_FL4N11/13/2014Ground Water20.025.025.0JI Rango	Central Impact Area	MW-638M2	MW-638M2_R2	N	11/19/2014	Ground Water	204.2	214.2
JI Range NorthernMV-160M2MV-160M2MV-160M2MV-160M2MV-160M2MV-160M1MV-160M2MV-303M2F14N11182014Ground Water25.126.1 <th< td=""><td>Central Impact Area</td><td>MW-638M1</td><td>MW-638M1_R2</td><td>N</td><td>11/19/2014</td><td>Ground Water</td><td>261.2</td><td>271.2</td></th<>	Central Impact Area	MW-638M1	MW-638M1_R2	N	11/19/2014	Ground Water	261.2	271.2
Ji Aaga Northem MM-1684Z MM-1684Z MM In In Inspace MM-1684 MM-1684Z MM Inspace MM-1684Z MM-170214 Ground Water 28.0 O D JB Range R8001105MK R8001105MK <td< td=""><td>J1 Range Northern</td><td>MW-166M3</td><td>MW-166M3_F14</td><td>N</td><td>11/18/2014</td><td>Ground Water</td><td>125</td><td>135</td></td<>	J1 Range Northern	MW-166M3	MW-166M3_F14	N	11/18/2014	Ground Water	125	135
JI Range NorthemMW-160MLMW-160MLMW-160MLMW-160MLMW-160MLP10P1182014Ground WaterP10P137P147JI Range NorthemMW-303MZMW-303MZF14N11/182014Ground WaterP25.1245.1245.1JI Range NorthemMW-303MZMW-303MZF14N11/182014Ground WaterP26.1285.1245.1JI Range NorthemMW-303MLMW-303MLNN11/182014Ground WaterP36.196.1JI Range NorthemMW-303MLRS001105NK-F14R_0N11/172014Ground Water186.9196.9Gentral Ingeat AreaMW-623MLMW-623MLP20P1011/172014Ground Water186.926.9Central Ingeat AreaMW-623MLMW-623MLP20P1011/172014Ground Water186.926.9Central Ingeat AreaMW-623MLMW-623MLN11/172014Ground Water216.926.9Central Ingeat AreaMW-643MLMW-643MLN11/172014Ground Water216.926.9Central Ingeat AreaMW-643MLMW-643MLN11/172014Ground Water216.926.9JI Range NorthemMW-343MLMW-343MLN11/132014Ground Water216.926.9JI Range NorthemMW-343MLMW-343MLN11/132014Ground Water216.926.9JI Range NorthemMW-343MLMW-343MLN11/132014Ground Water226.9 <td< td=""><td>J1 Range Northern</td><td>MW-166M2</td><td>MW-166M2_F14</td><td>N</td><td>11/18/2014</td><td>Ground Water</td><td>150</td><td>160</td></td<>	J1 Range Northern	MW-166M2	MW-166M2_F14	N	11/18/2014	Ground Water	150	160
ji Range Northem MW-303M2	J1 Range Northern	MW-166M1	MW-166M1_F14	N	11/18/2014	Ground Water	218	223
Ji Range Northem MW-303MZ MW-303MZ MW-303MZ F14 N 11/18/2014 Ground Water 225.1 245.1 Ji Range Northem MW-303MZ MW-303MZ F14 N 11/18/2014 Ground Water 235.1 245.1 Ji Range Northem MW-303ML MW-303ML N 11/18/2014 Ground Water 0 0 Ji Range Rap0110SNK RS00110SNK-F14R_D N 11/17/2014 Ground Water 16.9 198.9 Central Impact Area MW-629ML MW-629ML_F22 N 11/17/2014 Ground Water 116.9 228.9 Central Impact Area MW-629ML MW-629ML_F14 N 11/13/2014 Ground Water 115.0 205 Central Impact Area MW-349ML MW-349ML_F14 N 11/13/2014 Ground Water 23.2 239 Ji Range Northem MW-349ML MW-349ML_F14 N 11/13/2014 Ground Water 24.2 214 Ji Range Northem MW-349ML MW-349ML_F14 N 11/13/2014	J1 Range Northern	MW-303M3	MW-303M3_F14	N	11/18/2014	Ground Water	139.7	149.7
ji Range Northern MW-303042 MW-30304 FI4D FD 11/18/2014 Ground Water 23.1 24.5.1 ji Range Northern MW-30301 MW-30301.F14 N 11/17/2014 Ground Water 0 0 J3 Range RS00110SNK RS00110SNK, F14R_O N 11/17/2014 Ground Water 189.9 0 0 Ground Mater MW-62001 MW-62001.F2 N 11/17/2014 Ground Water 216.9 226.9 Central Impact Area MW-62001 MW-62001.R2 N 11/17/2014 Ground Water 195 205 Central Impact Area MW-34004_F14 N 11/13/2014 Ground Water 220 239 J1 Range Northern MW-34001_MW-34004_F14 N 11/13/2014 Ground Water 244 244 J1 Range Northern MW-34001_MW-34004_F14 N 11/13/2014 Ground Water 244 244 J1 Range Northern MW-34001_MW-34604_F14 N 11/13/2014 Ground Water 106.2 175.3	J1 Range Northern	MW-303M2	MW-303M2_F14	N	11/18/2014	Ground Water	235.1	245.1
Ji Range Northern MW-303M1 MW-303M1_F14 N 11/18/2014 Ground Water 299.1 500.1 Ja Range RS00110SNK RS00110SNK RS00110SNK F14R_D N 11/17/2014 Ground Water 0 0 Central Impact Area MW-628M2 MW-629M2_R2 N 11/17/2014 Ground Water 216.9 226.9 Central Impact Area MW-628M1_R2 FD 11/17/2014 Ground Water 195. 226.9 Central Impact Area MW-628M1_MM-628M1_R2D FD 11/17/2014 Ground Water 195. 205 Central Impact Area MW-349M1_MM-429M1_F14 N 11/13/2014 Ground Water 204 214 JI Range Northern MW-349M1_MM-349M1_F14 N 11/13/2014 Ground Water 204 214 JI Range Northern MW-245M2 MW-349M1_F14 N 11/13/2014 Ground Water 204 214 JI Range Northern MW-349M1_F14 N 11/13/2014 Ground Water 107 117 JI Ran	J1 Range Northern	MW-303M2	MW-303M2_F14D	FD	11/18/2014	Ground Water	235.1	245.1
B Range R 800110SNK R 800110SNK F14R_0 N 11/172014 Ground Water 0 0 JB Range R 800110SNK F14R_1 N 11/172014 Ground Water 0 0 Central Impact Area MW-629M1 MW-629M1-R2 N 11/172014 Ground Water 180.9 228.9 Central Impact Area MW-629M1 MW-629M1-R2 N 11/172014 Ground Water 185.2 265.9 Central Impact Area MW-639M2 MW-349M2_F14 N 11/132014 Ground Water 195.2 255.9 JI Range Northern MW-349M2 MW-349M2_F14 N 11/132014 Ground Water 229 239 JI Range Northern MW-349M2 MW-349M2_F14 N 11/132014 Ground Water 204 214 JI Range Northern MW-326M2 MW-349M2_F14 N 11/122014 Ground Water 165.2 175.3 JI Range Northern MW-326M2 MW-326M2_F14 N 11/122014 Ground Water 165.2	J1 Range Northern	MW-303M1	MW-303M1_F14	N	11/18/2014	Ground Water	299.1	309.1
J3 Range R500110SNK RS00110SNK F14R_I N 11/17/2014 Drinking Water 0 0 Central Impact Area MW-629M2 MW-629M1 RX-629M1 RX	J3 Range	RS0011OSNK	RS0011OSNK_F14R_O	N	11/17/2014	Ground Water	0	0
Central Impact Area MW-629M2_ MW-629M2_R2 N 11/17/2014 Ground Water 186.9 196.9 Central Impact Area MW-629M1 AW-629M1, R2 N 11/17/2014 Ground Water 216.9 226.9 Central Impact Area MW-349M2 MW-349M2_F14 N 11/17/2014 Ground Water 195 205 Central Impact Area MW-349M2 MW-349M2_F14 N 11/13/2014 Ground Water 29 239 JI Range Northern MW-349M1 MW-349M1_F14 N 11/13/2014 Ground Water 204 214 JI Range Northern MW-349M2 MW-245M2_F14 N 11/13/2014 Ground Water 204 214 JI Range Northern MW-245M1 MV-245M2_F14 N 11/13/2014 Ground Water 107 117 JI Range Northern MW-326M2 MW-245M1 N 11/12/2014 Ground Water 196.3 206.3 JI Range Northern MW-326M2 MW-326M2_F14 N 11/12/2014 Ground Water 196.3 <td>J3 Range</td> <td>RS0011OSNK</td> <td>RS0011OSNK_F14R_I</td> <td>N</td> <td>11/17/2014</td> <td>Drinking Water</td> <td>0</td> <td>0</td>	J3 Range	RS0011OSNK	RS0011OSNK_F14R_I	N	11/17/2014	Drinking Water	0	0
Central Impact Area MW-629M1 MV-629M1 RZ N 11/172014 Ground Water 216.9 226.9 Central Impact Area MW-629M1 MW-629M1, RZD FD 11/172014 Ground Water 195 205 I Range Northern MW-349M2 MW-349M2 FI4 N 11/132014 Ground Water 195 205 J Range Northern MW-349M1 MW-349M1, F14 N 11/132014 Ground Water 229 239 J Range Northern MW-349M2 F14 N 11/132014 Ground Water 204 214 J Range Northern MW-349M2 F14 N 11/132014 Ground Water 204 214 J Range Northern MW-329M3 MW-245M2, F14 N 11/122014 Ground Water 165.2 175.3 J Range Northern MW-329M3 MW-329M3, F14 N 11/122014 Ground Water 196.3 206.3 J Range Northern MW-329M4 MW-329M1, F14 N 11/122014 Ground Water 19	Central Impact Area	MW-629M2	MW-629M2 R2	N	11/17/2014	Ground Water	186.9	196.9
Central Impact Area MW-629M1 MW-629M1_R2D FD 11/17/2014 Ground Water 216.9 226.9 Contral Impact Area MW-349M2 MW-349M2_F14 N 11/13/2014 Ground Water 195 205 Cantral Impact Area MW-349M1 MW-349M1_F14 N 11/13/2014 Ground Water 229 239 J Range Northern MW-349M1 MW-349M1_F14 N 11/13/2014 Ground Water 229 239 J Range Northern MW-345M2 MW-245M2_F14D N 11/13/2014 Ground Water 204 214 J Range Northern MW-245M2 MW-245M2_F14D N 11/13/2014 Ground Water 204 214 J Range Northern MW-326M3 MW-245M2_F14 N 11/12/2014 Ground Water 165.2 175.3 J Range Northern MW-326M2 MW-326M2_F14 N 11/12/2014 Ground Water 196.3 206.3 J Range Northern MW-326M2 MW-326M2_F14 N 11/12/2014 Ground Water 205.3 <td>Central Impact Area</td> <td>MW-629M1</td> <td></td> <td>N</td> <td>11/17/2014</td> <td>Ground Water</td> <td>216.9</td> <td>226.9</td>	Central Impact Area	MW-629M1		N	11/17/2014	Ground Water	216.9	226.9
Control Impact Area IV-349M2 IV-349M2_F14 IV	Central Impact Area	MW-629M1	MW-629M1 R2D	FD	11/17/2014	Ground Water	216.9	226.9
Control MY -049M2 MY -049M2_F14 N 11/12/21/4 Ground Water 195 205 Central Impact Area MW -349M1 MW -349M1_F14 N 11/13/2014 Ground Water 229 239 J Range Northern MW -349M1_F14 N 11/13/2014 Ground Water 204 214 J Range Northern MW -245M2 MW -245M2 MW -245M2 NW -245M1 NM -245M1 NM -245M1 NM -245M1 NM -245M1 NM -245M2 NM -245M1 NM -245M2 NM -245M2 NM -245M1 NM -245M2 NM -245M2 NM -245M1 NM -32014 Ground Water 107 117 J Range Northern MW -326M3 MW -326M2_F14 N 11/12/2014 Ground Water 196.3 206.3 J Range Northern MW -326M1 MW -326M2_F14 N 11/12/2014 Ground Water 250 260 J Range Northern MW -346M2_F14<	Central Impact Area	MW-349M2	MW-349M2_F14	N	11/13/2014	Ground Water	195	205
Internal Impact Area Internal Internal Impact Area Internal	11 Range Northern	MW-349M2	MW-349M2_F14	N	11/13/2014	Ground Water	195	205
Control MM - 348M1 MM - 328M2 MM - 328M2 MM - 348M2 MM - 348M1	Central Impact Area	MW-349M2	MW-349M1_F14	N	11/13/2014	Ground Water	220	239
No. 10 NM - 348M2 Pice of the second of the	11 Range Northern	MW-349M1	MW-349M1_F14	N	11/13/2014	Ground Water	220	239
Display Display Min 240M2 Min 240M1 Min 240M1 Mi	11 Pango Northorn	MW-345M2	MW-245M2_E14	N	11/13/2014	Ground Water	223	233
Internet INV-245MI2 INV-245MI2 <thinv-245mi2< th=""> INV-245MI2 INV-245MI2</thinv-245mi2<>	11 Pange Northern	N/N/ 245M2	MW-245M2_E14D		11/13/2014	Ground Water	204	214
J Radig Northern NW-2450/II NW-34250/II NW-14250/II In // J 22014 Ground Water 107 117 J Range Northern MW-336S MW-326M3 MW-326M3 NW 11/122014 Ground Water 165.2 175.3 J Range Northern MW-326M2 MW-326M2 MW-326M2 NW-326M2 NW-326M2 Scoud Water 196.3 206.3 J Range Northern MW-326M2 MW-326M1 NU 11/1/22014 Ground Water 196.3 206.3 J Range Northern MW-326M2 MW-326M1 NU 11/1/22014 Ground Water 196.3 206.3 J Range Northern MW-326M3 MW-346M3_F14 N 11/1/22014 Ground Water 126.3 215.3 J Range Northern MW-346M2 MW-346M2_F14 N 11/10/2014 Ground Water 245.2 255 J Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J Range Northern MW-368M3 MV-168M3_F14 N 11/06/2014 Gr	J1 Range Northern	NNV 245N1	NW 245M1_114D		11/13/2014	Ground Water	204	214
I Range Northerin NM 17305_1 NM 102/214 Ground Water 10/2 11/2 J Range Northerin MW-326M3 MW-326M2_F14 N 11/12/2014 Ground Water 165.2 175.3 J Range Northerin MW-326M2 MW-326M2_F14 N 11/12/2014 Ground Water 196.3 206.3 J Range Northerin MW-326M2 MW-326M2_F14D FD 11/12/2014 Ground Water 196.3 206.3 J Range Northerin MW-326M1 MW-326M1_F14 N 11/12/2014 Ground Water 165.2 250.2 260 J Range Northerin MW-346M3_F14 N 11/10/2014 Ground Water 175 185 J Range Northerin MW-346M2 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J Range Northerin MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J Range Northerin MW-366M1 MW-346M1_F14 N 11/06/2014 Ground Water 103 113	JT Range Northern	NIV 4000	MW 1265 E14	IN N	11/13/2014	Ground Water	244	254
J Range Northerin MW-326M3 MW-326M2 N 11/1/2/2014 Ground Water 165.2 17.5.3 J Range Northerin MW-326M2 MW-326M2_F14 N 11/1/2/2014 Ground Water 196.3 206.3 J Range Northerin MW-326M1 MW-326M2_F14D FD Interval Ground Water 196.3 206.3 J Range Northerin MW-326M1 MW-326M1_F14 N 11/1/2/2014 Ground Water 196.3 206.3 J Range Northerin MW-346M4 MW-346M4_F14 N 11/1/0/2014 Ground Water 140 150 J Range Northerin MW-346M3 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J Range Northerin MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J Range Northerin MW-346M1 MW-346M1_F14 N 11/0/2014 Ground Water 198.3 206.3 J Range Northerin MW-346M1 MW-346M1_F14 N 11/0/2014 Ground Water	J1 Range Northern	MW-136S	WW-1305_F14	N	11/12/2014	Ground Water	107	117
J Range Northern MW-326MZ MW-326MZ_F14 N 11/12/2014 Ground Water 196.3 206.3 J Range Northern MW-326M2 MW-326MZ_F14D FD 11/12/2014 Ground Water 196.3 206.3 J Range Northern MW-326M1 MW-326M1_F14 N 11/12/2014 Ground Water 250 260 J Range Northern MW-346M3 MW-346M3_F14 N 11/10/2014 Ground Water 140 150 J Range Northern MW-346M3 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J Range Northern MW-346M2 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J Range Northern MW-346M1 MW-346M1_F14D FD 11/10/2014 Ground Water 245 255 J Range Northern MW-368M3 MW-168M3_F14 N 11/06/2014 Ground Water 103 113 J Range Northern MW-368M3 MW-168M3_F14 N 11/06/2014 Ground Water 108	J1 Range Northern	MVV-326M3	WW-320W3_F14	N	11/12/2014	Ground Water	165.2	175.3
J1 Range Northern MW-326M2 MW-326M1_F14 FD 11/12/2014 Ground Water 196.3 206.3 J1 Range Northern MW-326M1 MW-326M1_F14 N 11/12/2014 Ground Water 250 260 J1 Range Northern MW-346M4 MW-346M3_F14 N 11/10/2014 Ground Water 140 150 J1 Range Northern MW-346M2 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J1 Range Northern MW-168M3 MW-368M3_F14 N 11/06/2014 Ground Water 103 113 J1 Range Northern MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 103 113 J1 Range Northern MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 103	J1 Range Northern	MW-326M2	MW-326M2_F14	N 	11/12/2014	Ground Water	196.3	206.3
J1 Range Northern MW-326M1 MW-326M1_F14 N 11/12/2014 Ground Water 250 260 J1 Range Northern MW-346M4 MW-346M4_F14 N 11/10/2014 Ground Water 140 150 J1 Range Northern MW-346M3 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M2 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J1 Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J1 Range Northern MW-368M3_F14 N 11/10/2014 Ground Water 103 113 J1 Range Northern MW-168M3 MW-168M2_F14 N 11/06/2014 Ground Water 108 208 J2 Range Eastern J2E-EFF-K J2E-EFF-K74A N 11/06/2014 Process Water 0 0 0<	J1 Range Northern	MW-326M2	MW-326M2_F14D	FD	11/12/2014	Ground Water	196.3	206.3
J1 Range Northern MW-346M4 MW-346M4_F14 N 11/10/2014 Ground Water 140 150 J1 Range Northern MW-346M3 MW-346M3_F14 N 11/10/2014 Ground Water 175 185 J1 Range Northern MW-346M2 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M1 MW-346M1_F14D FD 11/10/2014 Ground Water 245 255 J1 Range Northern MW-346M1 MW-346M1_F14D FD 11/10/2014 Ground Water 245 255 J1 Range Northern MW-346M1 MW-346M1_F14D N 11/06/2014 Ground Water 198 208 J1 Range Northern MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 198 208 J2 Range Eastern J2E-FF-K JZE-FF-K-TAA N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-MID-1K JZE-MID-1K-74A N 11/06/2014 Process Water	J1 Range Northern	MW-326M1	MW-326M1_F14	N	11/12/2014	Ground Water	250	260
J1 Range Northern MW-346M3 MW-346M3_F14 N 11/10/2014 Ground Water 175 185 J1 Range Northern MW-346M2 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M2 MW-346M2_F14D FD 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245. 255 J1 Range Northern MW-366M1_F14D FD 11/10/2014 Ground Water 103. 113 J1 Range Northern MW-168M3 MW-68M3_F14 N 11/06/2014 Ground Water 103. 113 J2 Range Eastern J2E-EFF-K J2E-EFF-K N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-MID-1K J2E-MID-1K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-INF-K J2E-INF-K-74A N 11/06/2014 Process Water 0	J1 Range Northern	MW-346M4	MW-346M4_F14	N	11/10/2014	Ground Water	140	150
J1 Range Northern MW-346M2 MW-346M2_F14 N 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M2 MW-346M2_F14D FD 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J1 Range Northern MW-368M3 MW-168M3_F14 N 11/10/2014 Ground Water 103 113 J1 Range Northern MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 103 113 J2 Range Eastern J2E-FFF-K J2E-EFF-K-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-1K J2E-MID-1K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-INF-K J2E-INF-K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-INF-K J2E-INF-K-74A N 11/06/2014 Process	J1 Range Northern	MW-346M3	MW-346M3_F14	N	11/10/2014	Ground Water	175	185
J1 Range Northern MW-346M2 MW-346M2_F14D FD 11/10/2014 Ground Water 205.3 215.3 J1 Range Northern MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J1 Range Northern MW-346M1 MW-346M1_F14D FD 11/10/2014 Ground Water 245 255 J1 Range Northern MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 103 113 J2 Range Eastern J2E-EFF-K MW-168M2_F14 N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-EFF-K J2E-HID-2K-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-1K J2E-MID-1K-74A N 11/06/2014 Process Water 0 0 J1 Range Northern MW-164M2 MW-164M2_F14 N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-K J2E-INF-K-74A N 11/06/2014 Process Water 0 0	J1 Range Northern	MW-346M2	MW-346M2_F14	N	11/10/2014	Ground Water	205.3	215.3
J1 Range Northerm MW-346M1 MW-346M1_F14 N 11/10/2014 Ground Water 245 255 J1 Range Northerm MW-346M1 MW-346M1_F14D FD 11/10/2014 Ground Water 245 255 J1 Range Northerm MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 103 113 J1 Range Northerm MW-168M2 MW-168M2_F14 N 11/06/2014 Ground Water 198 208 J2 Range Eastern J2E-FFF-K J2E-EFF-K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-MID-2K J2E-MID-1K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-INF-K J2E-INF-K-74A N 11/06/2014 Process Water 0 0 0 0 J1 Range Northern MW-164M2 MW-164M2_F14 N 11/06/2014 Process Water 0 0 0 0 0 0 0 0 0 0	J1 Range Northern	MW-346M2	MW-346M2_F14D	FD	11/10/2014	Ground Water	205.3	215.3
J1 Range Northern MW-346M1 MW-346M1_F14D FD 11/10/2014 Ground Water 245 255 J1 Range Northern MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 103 113 J1 Range Northern MW-168M2 MW-168M2_F14 N 11/06/2014 Ground Water 198 208 J2 Range Eastern J2E-EFF-K J2E-EFF-K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-MID-2K J2E-MID-2K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-MID-1K J2E-MID-1K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-INF-K J2E-INF-K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-EFF-J J2E-INF-K-74A N 11/06/2014 Process Water 0 0 0 0 J2 Range Eastern J2E-EFF-J J2E-MID-2J-74A	J1 Range Northern	MW-346M1	MW-346M1_F14	N	11/10/2014	Ground Water	245	255
J1 Range Northern MW-168M3 MW-168M3_F14 N 11/06/2014 Ground Water 103 113 J1 Range Northern MW-168M2 MW-168M2_F14 N 11/06/2014 Ground Water 198 208 J2 Range Eastern J2E-EFF-K J2E-EFF-K-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2K J2E-MID-2K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-MID-1K J2E-MID-1K-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-INF-K J2E-INF-K-74A N 11/06/2014 Process Water 0 0 0 J1 Range Northern MW-164M2 MW-164M2_F14 N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-EFF-J J2E-EFF-J-74A N 11/06/2014 Process Water 0 0 0 J2 Range Eastern J2E-MID-1J J2E-MID-1J-74A N	J1 Range Northern	MW-346M1	MW-346M1_F14D	FD	11/10/2014	Ground Water	245	255
J1 Range NorthernMW-168M2MW-168M2_F14N11/06/2014Ground Water198208J2 Range EasternJ2E-EFF-KJ2E-EFF-K-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2KJ2E-MID-2K-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-1KJ2E-MID-1K-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-KJ2E-INF-K-74AN11/06/2014Process Water00J1 Range NorthernMW-164M2MW-164M2_F14N11/06/2014Process Water00J2 Range EasternJ2E-EFF-JJ2E-EFF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2JJ2E-MID-2J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-MID-1J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-FF-IHJ2E-FF-IH-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-FF-IHJ2E-FF-IH-74AN11/06/2014Process Water00	J1 Range Northern	MW-168M3	MW-168M3_F14	N	11/06/2014	Ground Water	103	113
J2 Range EasternJ2E-EFF-KJ2E-EFF-K-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2KJ2E-MID-2K-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-1KJ2E-MID-1K-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-KJ2E-INF-K-74AN11/06/2014Process Water00J1 Range NorthernMW-164M2MW-164M2_F14N11/06/2014Ground Water157167J2 Range EasternJ2E-EFF-JJ2E-EFF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2JJ2E-MID-2J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-1JJ2E-MID-1J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00 <td>J1 Range Northern</td> <td>MW-168M2</td> <td>MW-168M2_F14</td> <td>N</td> <td>11/06/2014</td> <td>Ground Water</td> <td>198</td> <td>208</td>	J1 Range Northern	MW-168M2	MW-168M2_F14	N	11/06/2014	Ground Water	198	208
J2 Range EasternJ2E-MID-2KJ2E-MID-2K-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-1KJ2E-MID-1K-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-KJ2E-INF-KJ2E-INF-K-74AN11/06/2014Process Water00J1 Range NorthernMW-164M2MW-164M2_F14N11/06/2014Ground Water157167J2 Range EasternJ2E-EFF-JJ2E-EFF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2JJ2E-MID-2J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-1JJ2E-MID-1J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-IND-2HJ2E-INID-2H-74AN11/06/2014Process Water <t< td=""><td>J2 Range Eastern</td><td>J2E-EFF-K</td><td>J2E-EFF-K-74A</td><td>N</td><td>11/06/2014</td><td>Process Water</td><td>0</td><td>0</td></t<>	J2 Range Eastern	J2E-EFF-K	J2E-EFF-K-74A	N	11/06/2014	Process Water	0	0
J2 Range EasternJ2E-MID-1KJ2E-MID-1K-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-KJ2E-INF-K-74AN11/06/2014Process Water00J1 Range NorthernMW-164M2MW-164M2_F14N11/06/2014Ground Water157167J2 Range EasternJ2E-EFF-JJ2E-EFF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2JJ2E-MID-2J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-1JJ2E-MID-1J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-EFF-IHJ2E-EFF-IH-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2HJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2HJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2HJ2E-INID-2H-74AN11/06/2014Process Water00 <td>J2 Range Eastern</td> <td>J2E-MID-2K</td> <td>J2E-MID-2K-74A</td> <td>N</td> <td>11/06/2014</td> <td>Process Water</td> <td>0</td> <td>0</td>	J2 Range Eastern	J2E-MID-2K	J2E-MID-2K-74A	N	11/06/2014	Process Water	0	0
J2 Range EasternJ2E-INF-KJ2E-INF-K-74AN11/06/2014Process Water00J1 Range NorthernMW-164M2MW-164M2_F14N11/06/2014Ground Water157167J2 Range EasternJ2E-EFF-JJ2E-EFF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2JJ2E-MID-2J-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-1JJ2E-MID-1J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-INF-JJ2E-INF-J-74AN11/06/2014Process Water00J2 Range EasternJ2E-EFF-IHJ2E-EFF-IH-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2HJ2E-MID-2H-74AN11/06/2014Process Water00J2 Range EasternJ2E-MID-2HJ2E-MID-2H-74AN11/06/2014Process Water00J1 Range NorthernMW-164M1MW-164M1_E14N11/06/2014Ground Water227237J2 Range EasternJ2E-MID-1HJ2E-MID-1H-74AN11/06/2014Process Water00	J2 Range Eastern	J2E-MID-1K	J2E-MID-1K-74A	N	11/06/2014	Process Water	0	0
J1 Range Northern MW-164M2 MW-164M2_F14 N 11/06/2014 Ground Water 157 167 J2 Range Eastern J2E-EFF-J J2E-EFF-J J2E-EFF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2J J2E-MID-2J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-1J J2E-MID-1J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-EFF-IH J2E-FFF-IH-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water	J2 Range Eastern	J2E-INF-K	J2E-INF-K-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern J2E-EFF-J J2E-EFF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2J J2E-MID-2J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-1J J2E-MID-1J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-EFF-IH J2E-EFF-IH-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J1 Range Northern MW-164M1_EF14 N 11/06/2014 Ground Water 227 237	J1 Range Northern	MW-164M2	MW-164M2_F14	N	11/06/2014	Ground Water	157	167
J2 Range Eastern J2E-MID-2J J2E-MID-2J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-1J J2E-MID-1J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-EFF-IH J2E-EFF-IH-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J1 Range Northern MW-164M1_ET4 N 11/06/2014 Ground Water 227 237 J2 Range Eastern J2E-MID-1H J2E-MID-1H-74A N 11/06/2014 Process Water 0 0	J2 Range Eastern	J2E-EFF-J	J2E-EFF-J-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern J2E-MID-1J J2E-MID-1J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-INF-J J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-EFF-IH J2E-EFF-IH-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-FF-IH-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J1 Range Northern MW-164M1 MW-164M1_F14 N 11/06/2014 Ground Water 227 237 J2 Range Eastern J2E-MID-1H J2E-MID-1H-74A N 11/06/2014 Process Water 0 0	J2 Range Eastern	J2E-MID-2J	J2E-MID-2J-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern J2E-INF-J J2E-INF-J-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-EFF-IH J2E-EFF-IH-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J1 Range Northern MW-164M1 MW-164M1_F14 N 11/06/2014 Ground Water 227 237 J2 Range Eastern J2E-MID-1H J2E-MID-1H-74A N 11/06/2014 Process Water 0 0	J2 Range Eastern	J2E-MID-1J	J2E-MID-1J-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern J2E-EFF-IH J2E-EFF-IH-74A N 11/06/2014 Process Water 0 0 J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J1 Range Northern MW-164M1 MW-164M1_F14 N 11/06/2014 Ground Water 227 237 J2 Range Eastern J2E-MID-1H J2E-MID-1H-74A N 11/06/2014 Process Water 0 0	J2 Range Eastern	J2E-INF-J	J2E-INF-J-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern J2E-MID-2H J2E-MID-2H-74A N 11/06/2014 Process Water 0 0 J1 Range Northern MW-164M1 MW-164M1_F14 N 11/06/2014 Ground Water 227 237 J2 Range Eastern J2E-MID-1H J2E-MID-1H-74A N 11/06/2014 Process Water 0 0	J2 Range Eastern	J2E-EFF-IH	J2E-EFF-IH-74A	N	11/06/2014	Process Water	0	0
J1 Range Northern MW-164M1 MW-164M1_F14 N 11/06/2014 Ground Water 227 237 J2 Range Eastern J2E-MID-1H J2E-MID-1H-74A N 11/06/2014 Process Water 0 0	J2 Range Eastern	J2E-MID-2H	J2E-MID-2H-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern J2E-MID-1H J2E-MID-1H-74A N 11/06/2014 Process Water 0 0	J1 Range Northern	MW-164M1	MW-164M1 F14	N	11/06/2014	Ground Water	227	237
	J2 Range Fastern	J2E-MID-1H		N	11/06/2014	Process Water	0	0

TABLE 1 Sampling Progress: 01 November 2014 to 30 November 2014

			Sample			Top of Screen	Bottom of
Area Of Concern	Location	Field Sample ID	Туре	Date Sampled	Matrix	(ft bgs)	Screen (ft bgs)
J2 Range Eastern	J2E-MID-2I	J2E-MID-2I-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern	J2E-MID-1I	J2E-MID-1I-74A	N	11/06/2014	Process Water	0	0
J2 Range Eastern	J2E-INF-I	J2E-INF-I-74A	N	11/06/2014	Process Water	0	0
J1 Range Southern	J1S-EFF	J1S-EFF-84A	N	11/05/2014	Process Water	0	0
J1 Range Southern	J1S-MID-2	J1S-MID-2-84A	N	11/05/2014	Process Water	0	0
J1 Range Southern	J1S-INF-2	J1S-INF-2-84A	N	11/05/2014	Process Water	0	0
J1 Range Northern	MW-191M2	MW-191M2_F14	N	11/05/2014	Ground Water	120	130
J3 Range	J3-EFF	J3-EFF-98A	N	11/05/2014	Process Water	0	0
J3 Range	J3-MID-2	J3-MID-2-98A	N	11/05/2014	Process Water	0	0
J3 Range	J3-MID-1	J3-MID-1-98A	N	11/05/2014	Process Water	0	0
J3 Range	J3-INF	J3-INF-98A	N	11/05/2014	Process Water	0	0
J1 Range Northern	MW-590M2	MW-590M2_F14	N	11/05/2014	Ground Water	238	248
J2 Range Northern	J2N-EFF-G	J2N-EFF-G-98A	N	11/05/2014	Process Water	0	0
J2 Range Northern	J2N-MID-2G	J2N-MID-2G-98A	N	11/05/2014	Process Water	0	0
J2 Range Northern	J2N-MID-1G	J2N-MID-1G-98A	N	11/05/2014	Process Water	0	0
J2 Range Northern	J2N-INF-G	J2N-INF-G-98A	N	11/05/2014	Process Water	0	0
J2 Range Northern	J2N-EFF-EF	J2N-EFF-EF-98A	N	11/05/2014	Process Water	0	0
J1 Range Northern	MW-590M1	MW-590M1 F14	N	11/05/2014	Ground Water	258	268
12 Range Northern	J2N-MID-2F	J2N-MID-2F-98A	N	11/05/2014	Process Water	0	0
12 Range Northern	I2N-MID-1F	J2N-MID-1E-98A	N	11/05/2014	Process Water	0	0
12 Range Northern		12N-INE-EE-08A	N	11/05/2014	Process Water	0	0
12 Range Northern		12N-MID-2E-08A	N	11/05/2014	Process Water	0	0
J2 Range Northern	J2N-MID-2E	J2N-MID-2E-98A	IN N	11/05/2014	Process Water	0	0
J2 Range Northern	J2N-MID-1E	JZIN-IVIID-TE-98A	N	11/05/2014	Process water	0	0
J1 Range Northern	MVV-584M2	WW-584WZ_F14	N	11/05/2014	Ground water	228	238
J1 Range Northern	MVV-584M1	MW-584M1_F14	N	11/05/2014	Ground Water	248	258
J1 Range Northern	MW-479M1	MW-479M1_F14	N	11/04/2014	Ground Water	240	250
J1 Range Northern	MW-401M3	MW-401M3_F14	N	11/04/2014	Ground Water	228.5	238.5
Demolition Area 1	FPR-2-EFF-A	FPR-2-EFF-A-104A	N	11/04/2014	Process Water	0	0
Demolition Area 1	FPR-2-GAC-MID3A	FPR-2-GAC-MID3A-104A	N	11/04/2014	Process Water	0	0
Demolition Area 1	FPR2-POST-IX-A	FPR2-POST-IX-A-104A	N	11/04/2014	Process Water	0	0
Demolition Area 1	FPR-2-INF	FPR-2-INF-104A	N	11/04/2014	Process Water	0	0
J1 Range Northern	MW-401M1	MW-401M1_F14	N	11/04/2014	Ground Water	256.1	266.1
Demolition Area 1	PR-EFF	PR-EFF-104A	N	11/04/2014	Process Water	0	0
Demolition Area 1	PR-MID-2	PR-MID-2-104A	N	11/04/2014	Process Water	0	0
Demolition Area 1	PR-MID-1	PR-MID-1-104A	N	11/04/2014	Process Water	0	0
Demolition Area 1	PR-INF	PR-INF-104A	N	11/04/2014	Process Water	0	0
J1 Range Northern	MW-606M2	MW-606M2_F14	N	11/04/2014	Ground Water	193.2	203.2
Demolition Area 1	D1-EFF	D1-EFF-52A	N	11/04/2014	Process Water	0	0
Demolition Area 1	D1-MID-2	D1-MID-2-52A	N	11/04/2014	Process Water	0	0
Demolition Area 1	D1-MID-1	D1-MID-1-52A	N	11/04/2014	Process Water	0	0
Demolition Area 1	D1-INF	D1-INF-52A	N	11/04/2014	Process Water	0	0
J1 Range Northern	MW-606M1	MW-606M1_F14	N	11/04/2014	Ground Water	233.3	243.3
J1 Range Northern	MW-540M1	MW-540M1_F14	N	11/04/2014	Ground Water	258	268
J1 Range Northern	MW-430M2	MW-430M2_F14	N	11/03/2014	Ground Water	188.4	198.4
Central Impact Area	CIA2-EFF	CIA2-EFF-10A	N	11/03/2014	Process Water	0	0
Central Impact Area	CIA2-MID2	CIA2-MID2-10A	N	11/03/2014	Process Water	0	0
J1 Range Northern	MW-430M1	MW-430M1_F14	N	11/03/2014	Ground Water	245.2	255.2
Central Impact Area	CIA2-MID1	CIA2-MID1-10A	N	11/03/2014	Process Water	0	0
Central Impact Area	CIA2-INF	CIA2-INF-10A	N	11/03/2014	Process Water	0	0
Central Impact Area	CIA1-EFF	CIA1-EFF-10A	N	11/03/2014	Process Water	0	0
Central Impact Area	CIA1-MID2	CIA1-MID2-10A	N	11/03/2014	Process Water	0	0
Central Impact Area	CIA1-MID1	CIA1-MID1-10A	N	11/03/2014	Process Water	0	0
Control Impact Area			N	11/03/2014	Process Water	0	0
11 Pongo Northern		MW-541M1_E14	N	11/03/2014	Cround Water	210	220
		11NLEEE_12A	N	11/03/2014		210	0
		11N MID2 424	IN N	11/03/2014		0	0
Ji Range Northern	JTN-MID2		N	11/03/2014	Process Water	U	0
J1 Range Northern	J1N-INF1B	JIN-INF18_F14	N	11/03/2014	Ground Water	U	U
J1 Range Northern	J1N-MID1	J1N-MID1-13A	N	11/03/2014	Process Water	0	0

TABLE 1

November 2014 Monthly Progress Report

Sampling Progress: 01 November 2014 to 30 November 2014

Area Of Concern	Location	Field Sample ID	Sample Type	Date Sampled	Matrix	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)
J1 Range Northern	J1N-INF2	J1N-INF2-13A	N	11/03/2014	Process Water	0	0
J1 Range Northern	J1N-INF1A	J1N-INF1A_F14	N	11/03/2014	Ground Water	0	0
J1 Range Northern	MW-369M1	MW-369M1_F14	N	11/03/2014	Ground Water	254.1	264.1
J2 Range Northern	MW-620M1	MW-620M1_R3	N	11/03/2014	Ground Water	268.6	278.6
J2 Range Northern	MW-313M1	MW-313M1_F14R	N	11/03/2014	Ground Water	255.4	265.4

TABLE 2 VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS Data Received November 2014

			1		1	1				1	r		1	Т
Area of Concern	Location ID	Field Sample ID	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Date Sampled	Test Method	Analyte	Result Value	Qualifier	Units	MCL/HA	> MCL/HA	MDL	RL
J3 Range	RS0011OSNK	RS0011OSNK_F14R_O	0	0	11/17/2014	SW6850	Perchlorate	0.55		UG/L	2.0		0.019	0.20
J1 Range Northern	MW-306M2	MW-306M2_F14	164.7	174.7	10/21/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.28		UG/L	0.60		0.026	0.20
J1 Range Northern	MW-306M2	MW-306M2_F14	164.7	174.7	10/21/2014	SW6850	Perchlorate	0.97		UG/L	2.0		0.019	0.20
J1 Range Northern	MW-306M1	MW-306M1_F14	184.9	194.9	10/21/2014	SW6850	Perchlorate	0.065	J	UG/L	2.0		0.019	0.20
J1 Range Southern	MW-592M1	MW-592M1_F14	201	211	10/16/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.98		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-614M2	MW-614M2_OCT14	215	225	10/15/2014	SW6850	Perchlorate	0.040	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-614M2	MW-614M2_OCT14D	215	225	10/15/2014	SW6850	Perchlorate	0.042	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-615M2	MW-615M2_OCT14	200	210	10/15/2014	SW6850	Perchlorate	0.023	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-615M1	MW-615M1_OCT14	260	270	10/15/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	0.092	J	UG/L	400		0.023	0.20
Central Impact Area	MW-615M1	MW-615M1_OCT14	260	270	10/15/2014	SW6850	Perchlorate	0.78		UG/L	2.0		0.019	0.20
Central Impact Area	MW-615M1	MW-615M1_OCT14	260	270	10/15/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	2.7		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-614M1	MW-614M1_OCT14	275	285	10/15/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.34		UG/L	0.60		0.026	0.20
Central Impact Area	MW-623M3	MW-623M3_OCT14	275	285	10/15/2014	SW6850	Perchlorate	0.071	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-623M3	MW-623M3_OCT14	275	285	10/15/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	0.17	J	UG/L	400		0.023	0.20
Central Impact Area	MW-623M3	MW-623M3_OCT14	275	285	10/15/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	2.6		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-623M1	MW-623M1_OCT14	340	350	10/15/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.18	J	UG/L	0.60		0.026	0.20
Central Impact Area	MW-624M1	MW-624M1_OCT14	284	294	10/15/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.046	J	UG/L	0.60		0.026	0.20
J1 Range Southern	MW-524M1	MW-524M1_F14	148	158	10/14/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	0.53		UG/L	400		0.023	0.20
J1 Range Southern	MW-524M1	MW-524M1_F14	148	158	10/14/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	3.8		UG/L	0.60	х	0.026	0.20
J1 Range Southern	MW-524M1	MW-524M1_F14D	148	158	10/14/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	0.51		UG/L	400		0.023	0.20
J1 Range Southern	MW-524M1	MW-524M1_F14D	148	158	10/14/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	3.7		UG/L	0.60	х	0.026	0.20
J1 Range Southern	MW-360M2	MW-360M2_F14	102	112	10/14/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	2.0		UG/L	400		0.023	0.20
J1 Range Southern	MW-360M2	MW-360M2_F14	102	112	10/14/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	7.7		UG/L	0.60	х	0.026	0.20
J1 Range Southern	MW-360M2	MW-360M2_F14D	102	112	10/14/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	2.4		UG/L	400		0.023	0.20
J1 Range Southern	MW-360M2	MW-360M2_F14D	102	112	10/14/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	9.2		UG/L	0.60	х	0.026	0.20
J1 Range Southern	MW-522M2	MW-522M2_F14	165	175	10/07/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.28		UG/L	0.60		0.026	0.20
J1 Range Southern	MW-482M2	MW-482M2_F14	172.6	182.6	10/06/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	3.0		UG/L	0.60	х	0.026	0.20
Demolition Area 1	RS750COUNTY	RS750COUNTY_T14	0	0	09/29/2014	SW6850	Perchlorate	0.11	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-89M2	MW-89M2_F14	214	224	09/29/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	1.0		UG/L	400		0.023	0.20
Central Impact Area	MW-89M2	MW-89M2_F14	214	224	09/29/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	16.2		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-89M2	MW-89M2_F14D	214	224	09/29/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	1.0		UG/L	400		0.023	0.20
Central Impact Area	MW-89M2	MW-89M2_F14D	214	224	09/29/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	16.5		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-23M1	MW-23M1_F14	225	235	09/29/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	1.0		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-223M2	MW-223M2_F14	185	195	09/29/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.50		UG/L	0.60		0.026	0.20
Central Impact Area	MW-176M1	MW-176M1_F14	270	280	09/29/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	0.21		UG/L	400		0.023	0.20
Central Impact Area	MW-176M1	MW-176M1_F14	270	280	09/29/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	2.9		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-123M1	MW-123M1_F14	291	301	09/25/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	1.4		UG/L	0.60	х	0.026	0.20
J2 Range Eastern	MW-228S	MW-228S_F14	104	114	09/25/2014	SW8330	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	0.41		UG/L	400		0.023	0.20
J2 Range Eastern	MW-228M2	MW-228M2 F14	126	136	09/25/2014	SW6850	Perchlorate	0.30		UG/L	2.0		0.019	0.20

TABLE 2 VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS Data Received November 2014

Area of Concern	Location ID	Field Sample ID	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Date Sampled	Test Method	Analyte	Result Value	Qualifier	Units	MCL/HA	> MCL/HA	MDL	RL
Central Impact Area	MW-617M2	MW-617M2_R2	118.3	128.3	09/24/2014	SW6850	Perchlorate	0.026	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-617M1	MW-617M1_R2	175.8	185.8	09/24/2014	SW6850	Perchlorate	0.035	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-616M2	MW-616M2_R2	107.1	117.1	09/24/2014	SW6850	Perchlorate	0.036	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-616M1	MW-616M1_R2	217.1	227.1	09/24/2014	SW8330	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.89		UG/L	0.60	х	0.026	0.20
Central Impact Area	MW-618M2	MW-618M2_R2	190.5	200.5	09/24/2014	SW6850	Perchlorate	0.073	J	UG/L	2.0		0.019	0.20
Central Impact Area	MW-618M1	MW-618M1_R2	238.5	248.5	09/24/2014	SW6850	Perchlorate	0.10	J	UG/L	2.0		0.019	0.20
J2 Range Eastern	MW-351M2	MW-351M2_F14	233.7	243.7	09/16/2014	SW6850	Perchlorate	0.029	J	UG/L	2.0		0.019	0.20
J2 Range Eastern	MW-351M1	MW-351M1_F14	278.6	288.6	09/16/2014	SW6850	Perchlorate	0.097	J	UG/L	2.0		0.019	0.20
J2 Range Eastern	MW-372M1	MW-372M1_F14	273.1	283.1	09/16/2014	SW6850	Perchlorate	0.021	J	UG/L	2.0		0.019	0.20
J2 Range Eastern	MW-399M1	MW-399M1_F14	238.2	248.2	09/16/2014	SW6850	Perchlorate	0.057	J	UG/L	2.0		0.019	0.20
J2 Range Northern	MW-630M1	MW-630M1_R2	217	227	09/15/2014	SW6850	Perchlorate	0.030	J	UG/L	2.0		0.019	0.20
J2 Range Northern	MW-634M3	MW-634M3_R2	170.6	180.6	09/15/2014	SW6850	Perchlorate	0.17	J	UG/L	2.0		0.019	0.20
J2 Range Northern	MW-634M2	MW-634M2_R2	200.6	210.6	09/15/2014	SW6850	Perchlorate	4.5		UG/L	2.0	х	0.019	0.20
J2 Range Northern	MW-634M2	MW-634M2_R2D	200.6	210.6	09/15/2014	SW6850	Perchlorate	4.5		UG/L	2.0	х	0.019	0.20
J2 Range Northern	MW-634M1	MW-634M1_R2	305.6	315.6	09/15/2014	SW6850	Perchlorate	0.035	J	UG/L	2.0		0.019	0.20
J3 Range	MW-636M2	MW-636M2_R2	110.5	120.5	09/15/2014	SW6850	Perchlorate	2.5		UG/L	2.0	Х	0.019	0.20